

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IFW

Applicant: Zhengli Lin et al.

TITLE: MULTI-BAND ANTENNA AND SYSTEM FOR WIRELESS LOCAL AREA NETWORK COMMUNICATIONS

Docket No.: 884.C60US1
Filed: March 8, 2004
Examiner: Hoang V Nguyen

Serial No.: 10/795,781
Due Date: N/A
Group Art Unit: 2821

MS Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ Communication Under 37 C.F.R. 1.312 (2 pgs.).
- ☒ Copies of Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), 3 non-US patent documents, including the International Search Report for corresponding PCT Application No. PCT/US2005/007088, all previously filed July 14, 2005.

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
Customer Number 21186

By: Ann M. McCrackin
Atty: Ann M. McCrackin
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 24 day of July, 2005.

John N. Gustafson - WJH-11
Name

John N. Gustafson - WJH-11
Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
(GENERAL)



S/N 10/795,781

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shengli Lin et al.	Examiner:	Hoang V. Nguyen
Serial No.:	10/795,781	Group Art Unit:	2821
Filed:	March 8, 2004	Docket:	884.C60US1
Title:	MULTI-BAND ANTENNA AND SYSTEM FOR WIRELESS LOCAL AREA NETWORK COMMUNICATIONS		
Assignee:	Intel Corporation	Customer Number:	21186

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COMMUNICATION UNDER 37 C.F.R. § 1.312(a)

In response to the Notice of Allowance and Notice of Allowability mailed July 14, 2005, please note the following.

Information Disclosure Statement Not Yet Considered

Applicants filed an Information Disclosure Statement and Form 1449 with the U.S. Patent and Trademark Office on July 14, 2005 in connection with the above-identified patent application. To date, Applicants have not received a copy of the Form 1449 marked as considered by the Examiner. Applicants request that a copy of Form 1449 be initialed by the Examiner to indicate consideration of the cited documents, and that the initialed Form 1449 be returned to Applicants as soon as possible.

Copies of the Information Disclosure Statement, Form 1449, and the non-U.S. patent documents, including the International Search Report for corresponding PCT Application No. PCT/US2005/007088, are enclosed for the Examiner's convenience.

Conclusion

It is believed that no fee is necessary for the present submission. However, if any fees are deemed necessary, please charge any additional fees or credit any overpayment to Account No. 19-0743.

Respectfully submitted,

SHENGLI LIN ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Attorneys for Intel Corporation

P.O. Box 2938

Minneapolis, Minnesota 55402

(612) 349-9592

Date July 21, 2005

By Ann M. McCrackin

Ann M. McCrackin

Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21 day of July, 2005.

John D. Gustaf-Wright
Name

John D. Gustaf-Wright
Signature



S/N 10/795,781

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shengli Lin et al.	Examiner:	Hoang V Nguyen
Serial No.:	10/795,781	Group Art Unit:	2821
Filed:	March 08, 2004	Docket:	884.C60US1
Title:	MULTI-BAND ANTENNA AND SYSTEM FOR WIRELESS LOCAL AREA NETWORK COMMUNICATIONS		
Assignee:	Intel Corporation	Customer Number:	21186

INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

The documents, listed on the attached 1449, were discovered as a result of a Search Report in Applicant's corresponding foreign patent application. Enclosed for the Examiner's information is a copy of the cited documents and the Search Report.

Pursuant to 37 C.F.R. §1.97(d)(1), Applicant states that each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

INFORMATION DISCLOSURE STATEMENT

Customer No.: 21186

Serial No :10/795,781

Filing Date: March 08, 2004

Title: MULTI-BAND ANTENNA AND SYSTEM FOR WIRELESS LOCAL AREA NETWORK COMMUNICATIONS

Assignee: Intel Corporation

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Dkt: 884.C60US1 (INTEL)

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

SHENGLI LIN ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Attorneys for Intel Corporation

P.O. Box 2938

Minneapolis, MN 55402

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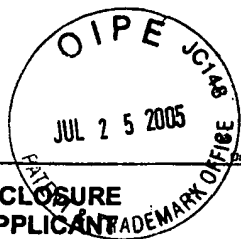
Date July 14, 2005

By Ann M. McCrackin
Ann M. McCrackin
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 14 day of July, 2005.

JAMES KANYUSIK
Name

[Signature]
Signature



PTO/SB/08A(10-01)
 Approved for use through 10/31/2002. OMB 651-0031
 US Patent & Trademark Office U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)

Complete if Known

Application Number	10/795,781
Filing Date	March 8, 2004
First Named Inventor	Lin, Shengli
Group Art Unit	2821
Examiner Name	Nguyen, Hoang
Attorney Docket No: 884.C60US1	

Sheet 1 of 1

US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date if Appropriate
	US-2004/0155823 A1	08/12/2004	Kossiavas, G., et al.	11/25/2003
	US-4,827,271	05/02/1989	Berneking, W. D., et al.	11/24/1986
	US-5,124,733	06/23/1992	Haneishi, M.	03/13/1990
	US-6,181,281	01/30/2001	Desclos, L., et al.	11/24/1999

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
	EP-0886336A2	12/23/1998	Wang, A.T S., et al.	
	WO-03/034545A1	04/24/2003	Puente, B. C., et al.	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"International Search Report for corresponding PCT Application PCT/US2005/007088", (Attorney Docket No. 884.C60WO1), (June 22, 2005), 4 pgs.	